

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office								Atty. Docket No.	59		
		INFORMATION DISCLOSURE CITATION								Applicant	John Chen		
		(Use several sheets if necessary)								Issue Date	Group		

U. S. PATENT DOCUMENTS

*Examiner Initial		Document Number								Date	Name		Class	Sub-class	Filing Date If Appropriate
	AA	2	9	9	3	8	7	4		07/25/61	Hoel		260	27	
	AB	3	1	4	9	1	8	2		09/15/64	Porter		260	879	
	AC	3	2	3	9	4	7	6		03/08/66	Harlan		260	27	
	AD	3	2	3	9	4	7	8		03/08/66	Harlan		260	27	
	AE	3	2	6	5	7	6	5		08/09/66	Holden		260	876	
	AF	3	3	2	5	4	3	0		06/13/67	Grasley		260	25	
	AG	3	3	3	3	0	2	4		07/25/67	Haefele		260	880	
	AH	3	4	6	4	8	5	0		09/02/69	Haefele		117	135.5	
	AI	3	4	8	5	7	8	7		12/23/69	Haefele		260	33.6	
	AJ	R	E	2	7	1	4	5		06/22/71	Jones		260	880	
	AK	3	5	9	5	9	4	2		07/27/71	Wald		260	880	

FOREIGN PATENT DOCUMENTS

*Examiner Initial		Document Number								Date	Name	Class	Sub-class	Translation		
														Yes	No	
AL	EU	4	8	3	3	7	0	4	16/91	HISAMITSU PHARMACEUTICAL CO., INC.						
AM	EU	4	3	9	1	8	0	1	25/91	LTS LOHMANN THERAPIE-SYSTEME GMBH & CO. KG						
AN	EU	2	8	5	1	8	1	4	01/88	TEIKOKU SEIYAKU KABUSHIKI KAISHA						
AO	EU	1	4	6	1	6	3	11	20/84	SHELL INTERNATIONAL RESEARCH						
AP	WO	90	0	5	1	6	6	9	11/89	RAYCHEM LIMITED						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

AR	ET AL;	ALLEN, COMPREHENSIVE POLYMER SCIENCE-VOLUME 7; 1994;
		P. 416-431
AS		KIRK-OTHMER; ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY; 1994; 4 th EDITION;
		P. 17-37
AT		GARDNER, WILLIAM; GARDNER'S CHEMICAL SYNONYMS AND TRADE NAMES; 1994;

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AL	3	6	1	4	8	3	6	10/26/71	Snyder		36	2.5	
	AM	3	7	9	2	0	0	5	02/12/74	Harlan		260	22	
	AN	3	8	1	0	9	5	7	05/14/74	Lunk		260	876	
	AO	3	6	7	6	3	8	7	07/11/72	Lindlof		260	28.5	
	AP	3	7	5	6	9	7	7	09/04/73	Yoshimoto		260	33.6	
	AQ	3	8	2	7	9	9	9	08/06/74	Crossland		260	33.6	
	AR	3	8	3	0	7	6	7	08/20/74	Condon		260	28.5	
	AS	3	8	9	8	2	0	8	08/05/75	Krause		260	85.1	
	AT	3	9	2	9	7	1	5	12/30/75	Nowell		260	34.2	
	AU	3	9	3	3	7	2	3	01/20/76	Grenness		260	33.6	
	AV	3	9	6	5	0	1	9	06/22/76	St. Clair		252	59	

FOREIGN PATENT DOCUMENTS

*Examiner Initial		Document Number							Date	Name	Class	Sub-class	Translation			
													Yes	No		
	AL	WO 88	0	0	6	0	3	7/17/87	RAYCHEM LIMITED							
	AM	GB 20	1	9	4	1	6	4/18/79	MINNESOTA MINING AND MANUFACTURING COMPANY							
	AN															
	AO															
	AP															

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

	AR	<i>HOLDEN ET AL; THERMOPLASTIC ELASTOMERS; 2nd EDITION; 1996; CHAPTER 1-P.1-26; CHAPTER 3-P. 27-70; CHAPTER 4-P. 71-100</i>											
	AS												
	AT												

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	AW	4	0	0	6	1	1	6	02/01/77	Dominguez		260	33.6	
	AX	4	0	3	2	4	5	9	06/28/77	Crossland		252	51.5	
	AY	4	0	3	6	9	1	0						
	AZ	4	0	3	9	6	2	9	08/02/77	Himes		260	880	
	BA	4	0	4	1	1	0	3	08/09/77	Davison		260	857	
	BB	4	0	8	0	3	4	8	03/21/78	Korpman		260	27	
	BC	4	1	3	8	0	7	1	01/23/79	Korpman		260	27	
	BD	4	3	1	3	8	6	7	02/02/82	Duvdevani		260	33.6	
	BE	4	4	8	1	3	2	3	11/06/84	Sterling		524	269	
	BF	4	5	1	1	3	5	4	04/16/85	Sterling		604	98	
	BG	5	1	1	2	9	0	0	05/12/92	Buddenhagen		524	484	

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	AM														
	AN														
	AO														
	AP														

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	AT		

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FORM 1449 (MODIFIED) Docket No.: 59 USSN: _____
 APPLICANT: JOHN Y, CHEN
 FILING DATE: _____ GROUP: _____ Sheet _____ Of _____

US PATENT DOCUMENTS

EX ✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
CA	3660849	5/9/72	JONNES	2 2.1	7/13/70
CB	3821149	6/28/74	MAKOWSKI	260 30.6	9/28/73
CD	3827999	8/6/74	CROSSLAND	260 33.6	8/6/74
CE	3860013	1/14/75	CZAPOR	132 91	7/17/72
CF	4136699	6/30/79	COLLINS	128 290	1/21/77
CG	4151057	4/24/79	ST. CLAIR		8/14/78
CH	4176240	11/27/79	SABIA	174 23	5/30/78
CI	4259540	3/31/81	SABIA		4/20/79
CJ	4351913	9/28/82	PATEL		1/4/82
CK	4361508	11/30/82	BOURLAND	523 173	10/20/80
CL	4369284	1/18/83	CHEN		3/28/80
CM	4432607	2/21/84	LEVY	350 96.34	10/27/81
CN	4492428	1/8/85	LEVY		8/16/82
CO	4497538	2/5/85	PATEL		8/10/83
CP	4509821	4/9/85	STENGER	350 96.23	9/1/83
CQ	4600261	7/15/86	DEBBAUT		10/12/82
CR	4610738	9/9/86	JERVIS	156 49	1/4/85
CS	4618213	10/21/86	CHEN		1/18/84
TC	4643924	2/17/87	UKEN	428 35	5/2/85
CU	4662692	5/5/87	UKEN	339 96	5/2/85
CV	4678664	7/7/87	SCHMOLKA	424 65	9/30/82
CW	4680233	7/14/87	CAMIN	428 424.6	5/2/85
CX	4690831	9/1/87	UKEN	427 44	6/18/86
CY	4692369	9/8/87	NOMI	428 198	12/9/85
CZ	4709982	12/1/87	CORNE	427 44	11/13/85
DA	4716183	12/29/87	GAMARRA	522 90	11/22/85
DB	4721832	1/26/88	TOY	174 87	5/2/86
DC	4764535	8/16/88	LEICHT		8/6/84
DD	4798853	1/17/89	HANDLIN	523 173	1/20/87
DE	4801346	1/31/89	HUDDLESTON		7/30/86
DF	4822834	4/18/89	BLEVINS	524 427	4/19/88
DG	4833193	5/23/89	SIEVERDING		8/14/87
DH	4842931	6/27/89	ZOOK	428 354	7/19/88
DI	4864725	9/12/89	DEBBAUT	29 871	4/18/88
DJ	4865905	9/12/89	UKEN	428 220	12/9/88
DK	4880676	11/14/89	PULGERVER	428 35.7	11/14/89
DL	4880878	11/14/89	HIMES	525 89	12/29/87
DM	4883431	11/28/89	UKEN		9/26/86
DN	4888070	12/19/89	CLARK		12/1/87
DO	4889171	12/26/89	COVINGTON	428 304	4/21/88
DP	4889403	12/26/89	ZUCKER		12/23/87
DR	4900877	2/13/90	DUBROW	174 35	7/12/88
D	4909756	3/20/90	JERVIS		8/31/88
DT	4929211	5/29/90	RESNICK	446 14	12/2/88
DU	4942270	7/17/90	GAMARRA	174 93	7/12/88
DV	4944363	7/31/90	OSHER	273 58	2/6/90
DW	4944973	7/31/90	FOLLETTE		9/13/89

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US PATENT DOCUMENTS

EX ✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
DX	4968747	11/6/90	MALLIKARJUN	525	74	3/30/90
DY	4983008	1/8/91	CAMPBELL	350	96.16	11/1/88
DZ	5026054	6/25/91	OSHER	273	58	7/18/90
EA	5059748	10/22/91	ALLEN	174	87	4/26/90
EB	5068138	11/26/91	MITCHELL	428	36.8	7/23/90
EC	5085597	2/4/92	STORY	439	521	3/28/91
ED	5088734	2/18/92	GLAVA	273	73	1/9/91
EE	5098421	3/24/92	ZOOK	604	367	10/16/89
EF	5126182	6/30/92	DOUGLAS	428	90	1/22/90
EG	5149736	9/22/92	GAMARRA	524	490	5/7/90
EH	5153254	10/6/92	CHEN	524	505	6/24/88
EI	5159022	10/27/92	IKEMATU	525	250	5/21/91
EJ	5167649	12/1/92	ZOOK	604	307	4/17/92
EK	5173573	12/22/92	JERVIS	174	138	3/15/91
EL	5177143	2/27/90	TOY	524	848	2/27/90
EM	5181914	1/26/93	ZOOK	604	307	5/6/92
EN	5191752	3/9/93	MURPHY	54	44.5	5/4/92
EO	5221534	6/22/93	DESLAURIERS	424	78.03	2/4/91
EP	5239723	8/31/93	CHEN	15	104	8/24/92
EQ	5262468	11/16/93	CHEN	524	476	5/23/91
ER	5324222	6/28/94	CHEN	446	34	4/29/92
ES	5330452	7/19/94	ZOOK	604	307	6/1/93
ET	5313019	5/17/94	BRUSSELmans	174	93	12/2/92
EU	5334646	8/2/94	CHEN	524	474	10/6/92
EV	5336708	8/9/94	CHEN	524	474	8/24/92
EW	5459193	10/17/95	ANDERSON	524	505	2/23/95
EX	5475890	12/19/95	CHEN	15	104	8/30/93
EY	5479952	1/2/96	ZACHARIADES	132	321	2/23/95
EZ	5559165	8/8/95	PAUL	523	111	8/8/95
FA	5606149	2/25/97	YAWORSKI	174	92	10/13/94
FB	5618882	4/8/97	HAMMOND	525	92	11/14/94
FC	5624294	4/29/97	CHEN	446	253	11/15/93
FD	5626657	5/6/97	PEARCE	106	122	8/22/96
FE	5633286	5/27/97	CHEN	524	474	8/11/94
FF	5655947	8/12/97	CHEN	446	46	5/23/91

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FG	UK 1,268,431	18/4/91	MMM (3M)	1/28/69
FH	PCT/WO 91/05014	18/4/91	RAYCHEM	5/10/89
FI	PCT/WO 93/05113	18/3/93	RAYCHEM	6/9/91
FJ	PCT/WO 88/00603	28/1/88	RAYCHEM	17/7/87
FK	PCT/WO 93/23472	25/11/93	RAYCHEM	10/5/93
FL	PCT/WO 90/05166	17/5/90	RAYCHEM	9/11/89

FORM 1449 (MODIFIED) Docket No.: 59 USSN: _____
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PUBLICATION

FM "STYRENE-DIENE TRIBLOCK COPOLYMERS: ORIENTATION CONDITIONS AND MECHANICAL PROPERTIES OF THE ORIENTED MATERIALS" A. WEILL AND R. PIXA, JOURNAL OF POLYMER SCIENCE POLYMER SYMPOSIUM 58, 381-394 (1977).

FN TUFTEC TRADE LITERATURE, ASANI CHEMICAL CO., LTD., SYNTHETIC RUBBER DIVISION, ENGLISH AND JAPANESE 14 PAGES.

FO SEPTON TRADE LITERATURE, KURARAY CO., LTD. 1995.8 (4,000) 15 PAGES.

FP SHELL CHEMICAL CO., DATA SHEETS: EKP-207 (093094-02) AND L-1203 (SC:2384-950

FQ SC:1102-89 SHELL CHEMICAL TECHNICAL BULLETIN "KRATON® THERMOPLASTIC RUBBER IN OIL GELS", APRIL 1989

FR "TUFTEC" -- its characteristics and applications, Assahi Chemical.

FS SEPTON, High Performance Thermoplastic Rubber, Kurralay Co., LTD., 1995.

FT KRATON POLYMERS, May 1997, Shell Chemical Company.

FU Silipos product catlouge.

FV Silipos products catlouge sheets: Silosheath, Pressure Ulcers, Friction Sleeves with Gel, Gel-E-Rol & Friction Tape, Mesh Tubing, Silopad.

FW Silipos manual, 1994.

QD *Melt Miscibility In Blends Of Polypropylene, Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polystyrene, And Processing Oil From Melting Point Depression*, Ohlesson et al., Polymer Engineering and Science, 1996, Vol. 36, No. 11.

FX *Blends And Thermoplastic Interpenetrating Polymer Networks Of Polypropylene And Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polytstyrene Triblock Copolymer. 1: Morphology And Structure-Related Properties*, Ohlesson, et al., Polymer Engineering and Science, 2/1996, Vol. 36, No.4.

FY *Migration And Blooming Of Waxes To The Surface Of Rubber Vulcanizates*, Nah, et al., J. Of Polymer Science: Polymer Physics Ed., Vol. 18, 511-521 (1980).

EXAMINER | DATE CONSIDERED

EXAMINER: INITIAL CITATION CONSIDERED. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.
